

integral flange, extending continuously from said underside of said flange to a location substantially midway along said threaded shank, and wherein said coating remains functional with said plurality of bolts fully tightened and at an electrical potential in a range of 500-2500 VDC.

C2
SUB
D2

7. (Amended) An electrically insulated bolt having a flanged head and a threaded shank; an electrically insulating epoxy powder composition coating having a thickness of about 0.004 to about 0.014 inch applied to at least an underside of the flanged head and extending continuously from said underside of said flanged head to a location substantially midway along said threaded shank, and wherein said coating remains functional when the insulated bolt is fully tightened, at an electrical potential in a range of 500 to 2500 VDC.